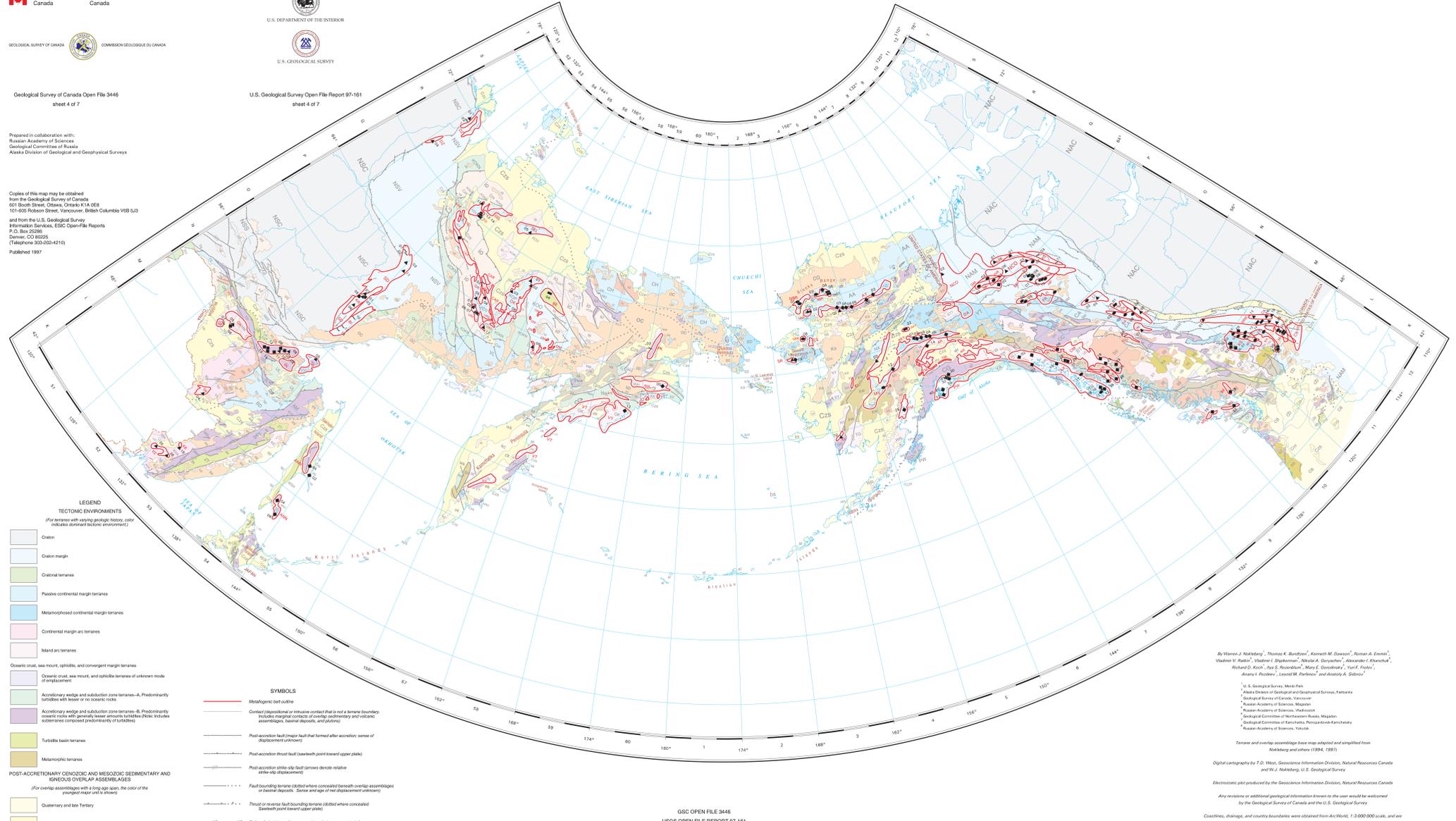




Geological Survey of Canada Open File 3446 sheet 4 of 7 U.S. Geological Survey Open File Report 97-161 sheet 4 of 7

Prepared in collaboration with Russian Academy of Sciences Geological Committee of Russia Alaska Division of Geological and Geophysical Survey and from the U.S. Geological Survey Mineralogical, ESCG Open-File Reports

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LEGEND (FOR SYMBOLS WITH APOSTROPHES, HISTORY, COLOR INDICATES DOMINANT ENVIRONMENT)

TECTONIC ENVIRONMENTS (Craton, Craton margin, Cratonal terranes, Passive continental margin terranes, Mesozoic continental margin terranes, Continental margin arc terranes, Island arc terranes)

POST-ACCRETIONARY CENOZOIC AND MESOZOIC SEDIMENTARY AND IGNEOUS OVERLAP ASSEMBLAGES (Quaternary and late Tertiary, Cenozoic (Quaternary and Tertiary), Middle Tertiary, Early Tertiary and Late Cretaceous, Cretaceous, Early Cretaceous and Late Jurassic, Jurassic)

DEPOSIT MODELS (DEPOSITS RELATED TO MARINE FELSIC TO MAFIC EXTRUSIVE ROCKS, STRATIFORM DEPOSITS IN FINE-GRAINED CLASTIC AND SILICIOUS SEDIMENTARY ROCKS, STRATABOUND DEPOSITS IN COARSE CLASTIC SEDIMENTARY ROCKS AND SUBARAL BASALT, DEPOSITS IN CARBONATE AND CHEMICAL SEDIMENTARY ROCKS, VINDS AND REPLACEMENTS, DEPOSITS RELATED TO CALC-ALKALINE AND ALKALINE INTRUSIONS, VOLCANIC AND SUBVOLCANIC VOLCANIC DEPOSITS, DEPOSITS RELATED TO MAFIC AND ULTRAMAFIC ROCKS, DEPOSITS RELATED TO REGIONALLY METAMORPHOSED ROCKS)

Scale 1:10 000 000, U.S. Geological Survey, Geological Survey of Canada

SYMBOLS (Metalliferous belt outline, Contact (dispositional or reflective contact that is not a surface boundary), Post-accretion strike-slip fault, Post-accretion thrust fault, Fault bounding terrane, Thrust or reverse fault bounding terrane, Strike-slip fault bounding terrane)

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Pre-accretionary metallogenic belts: stratiform and stratabound sulfide, volcanogenic Mn and Fe bedded barite, Fe formation, carbonate-related Na, Ta, and REE, and associated deposits

MINERAL DEPOSIT AND METALLOGENIC BELT MAPS OF THE RUSSIAN FAR EAST, ALASKA, AND THE CANADIAN CORDILLERA

Scale 1:10 000 000, U.S. Geological Survey, Geological Survey of Canada

USGS recommended datum: NAD83, UTM Zone 18 N, UTM Datum, UTM Projection, UTM Unit: Meter, UTM Spheroid: Everest, UTM Spheroid: Everest, UTM Spheroid: Everest

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